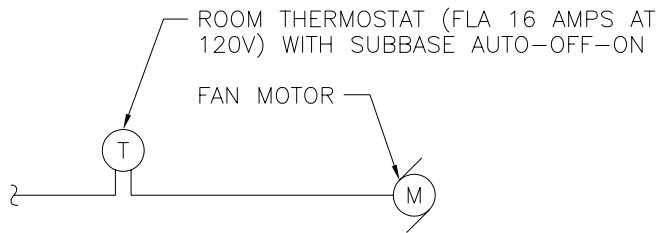


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NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE ESM MECHANICAL POC.
2. SIZE CONDENSATE BRANCH LINE NO SMALLER THAN THE TRAP INLET. MINIMUM TRAP SIZE 3/4".
3. REFER TO THE FOLLOWING LANL STANDARDS FOR ADDITIONAL REQUIREMENTS:
 - A. SPEC 15121, STEAM AND CONDENSATE SPECIALITIES.
 - B. SPEC 15181, STEAM AND CONDENSATE PIPING.



TEMPERATURE CONTROL DIAGRAM

SCALE: NONE

SEQUENCE OF OPERATION:

THE ROOM THERMOSTAT CYCLES THE FAN MOTOR TO MAINTAIN THE PREDETERMINED SETTING.

AUTO-OFF-ON SWITCH ALLOWS FAN OPERATION FOR VENTILATION.

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACK-AGE).

NO	DATE	CLASS	REV	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP
1	8-13-03	U		REVISED NOTES & CONTROL DIAGRAM. (DWG. NO. WAS STG021)	RP	RF	JM	GG	TO
FACILITY & WASTE OPERATIONS DESIGN ENGINEERING CONSTRUCTION SERVICES									
ENGINEERING STANDARDS MANUAL					DRAWN R.PEARSON				
DESIGN					R.FROST				
CHECKED					C.DUPRE				
STEAM UNIT HEATER PIPING DESIGN NOTES AND CONTROLS					DATE 6-28-99				
BLDG X					TA-X				
SUBMITTED					APPROVED FOR RELEASE				
DISCIPLINE POC: GURINDER GREWAL					STANDARDS MANAGER: TOBIN ORUCH				
SHEET					2				
Los Alamos NATIONAL LABORATORY					PO Box 1663 Los Alamos, New Mexico 87545				
CLASSIFICATION U					REVIEWER LARRY BAYS				
PROJECT ID					DRAWING NO				
CHAPTER 6					ST-D3020-1				
					REV 1				